Lake 1 Transect

Date: 5/31/89

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 1. A wooden square measuring two feet on each side was used as a plot. Twenty-one plots were randomly located from north to south. Five steps were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	24	1.14
Sawgrass	155	7.38
Millet	5	.24
Sagittaria	1	.05
Eleocharis sp	346	16.48
Marshmallow	5	.24
Needle rush	8	.38
White water lilly	2	.10
Saurus	1	.05
Sea purslane	2	.10
Smartweed	1	.05
Unk pondweed #2	12	.57
Unk weed #1	10	.48
*Bladderwort	2(plots)	10%
*Chara	6(plots)	29%
*Unk pondweed #1	2(plots)	10%
*Eelgrass	4(plots)	19%

*Submergents were recorded if present within the plot. Individual stem counts were not made.

Lake 2 Transect

Date: 5/31/89

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 2. A wooden square measuring two feet on each side was used as a plot. Twenty-two plots were randomly located from north to south. Five steps were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	71	3.23
Sawgrass	74	3.36
Softstem bullrush	32	1.45
Needle rush	2	.09
Sea purslane	1	.05
Marsh mallow	39	1.77
Unk weed #1	12	.55
*Bladderwort	9(plots)	41%
*Chara	4(plots)	18%
*Unk pondweed #1	2(plots)	9%

*Submergents were recorded if present within the plot. Individual stem counts were not made.

Lake 3 Transect

Date: 5/31/89

Method

A transect, marked by metal poles at each end, was established on the north side of Lake 3. A wooden square measuring two feet on each side was used as a plot. Due to high water, six plots were randomly located from north to south and seven plots were randomly located from south to north. It was estimated that only one plot was missed in the center of the transect. Five steps were taken and the plot was tossed. When it landed, the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded.

Results

Species	Stem Count	Average Stem Count
Cattail	5	.38
Sawgrass	32	2.46
Sagittaria	24	1.85
Juncus	443	34.08
Alligatorweed	47	3.62
Marsh mallow	14	1.08
Softstem bullrush	28	2.15
Unk weed #1	6	.46
*Bladderwort	5(plots)	38%
*Chara	2(plots)	15%
*Emergent unk weed	1(plot)	8%

*Submergents were recorded if present within the plot. Individual stem counts were not made.

Oyster Pond Transect

Date: 6/5/89

Method

A transect, marked by a metal pole at each end, was established on the south side of Oyster Pond. 25 A wooden square measuring two feet on each side was used as a plot. Twenty-eight plots were randomly located from south to north. Five steps were taken and the plot was tossed. When it landed the percent occupancy (ocular estimate), water depth, and a stem count of each species was recorded. This transect was conducted from the airboat.
on foot and from the canoe.

Results

Species	Stem Count	Average Stem Count
Cattail	102	3.64
Softstem Bullrush	495	17.68
Juncus	109	3.89
~~Lotus~~ Nelumbo	22	.79
White water lilly	2	.07
Unk weed #1	45	1.61
*Bladderwort	8(plots)	29%

*Submergents were recorded if present within the plot. Individual stem counts were not made.